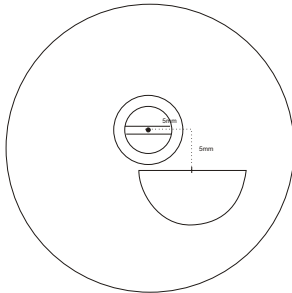


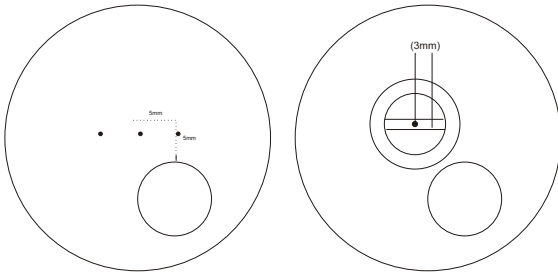
### Single Vision Lenses

- 1- Block the lens on the optical center
- 2- Trace the frame
- 3- Press the **DATA SET** key
- 4- Select the **LENS** type.
- 5- Select the **FRAME** type
- 6- Enter the patient's distance PD
- 7- Set the layout mode to **ACT**
- 8- Press the **R/L** key if you want to change from right to left lens.
- 9- Insert the lens into the block holder and press the **CHUCK** key.
- 10- Press the **START** key.



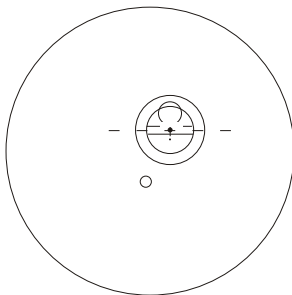
### Flat Top Bifocal Lenses

- 1- Block the lens 5mm in and 5mm down from the center of the top of the seg
- 2- Trace the frame
- 3- Press the **DATA SET** key
- 4- Enter the patient's **NEAR PD**
- 5- Enter the patient's **SEG HEIGHT (BT)**
- 6- Select the lens material
- 7- Select the Frame material
- 8- Press **POL** for polish (PLB only)
- 9- Press **R/L** to switch to the eye you want to edge
- 10- Press the **Chuck**
- 11- Close the grinding chamber lid and press **START/STOP**



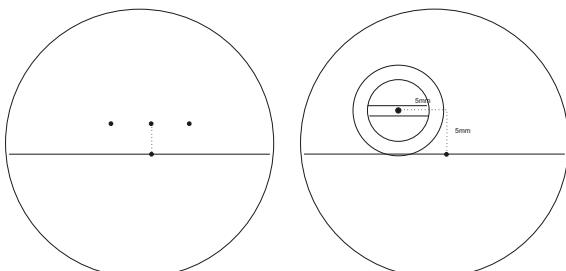
### Round Seg Bifocal Lenses

- 1- Spot the distance OC with a lensometer.
- 2- Place the lens on the blocker with the round seg at 5 in and 5 down.
- 3- Calculate half the difference between the distance and near PD.  
i.e. Distance PD (62) - Near PD (58) = 4
- 4- Divide the difference by 2. i.e.  $4 \div 2 = 2$
- 5- Subtract the result from 5 i.e.  $5 - 2 = 3$
- 6- Rotate the lens so that the distance OC is at 3mm in.
- 7- Block the lens.
- 8- Place the blocked lens into the cup holder of the edger and edge the lens in the **BF** layout mode.



### Progressive Lenses

- 1- Block the lens at the fitting cross.
- 2- Trace the frame.
- 3- Press the **DATA SET** key.
- 4- Select the **LENS** type.
- 5- Select the **FRAME** type.
- 6- Enter the patient's distance **PD**.
- 7- Enter the patient's fitting height.
- 8- Set the layout mode to **ACT** (active).
- 9- Press the **R/L** key if you want to change from right to left lens.
- 10- Insert the lens into the block holder and press the **CHUCK** key.
- 11- Press the **START** key.  
Note: If the lens will not cut out, use the **PAS** (passive) layout mode and reblock the lens with decentration at the layout blocker.



### Executive Lenses

- 1- Spot the distance optical center with a lensometer.
- 2- With a marking pen, make a new reference mark directly below the distance optical center on the seg line.
- 3- Using this new reference mark, block the lens 5mm in and 5mm down.
- 4- Trace the frame.
- 5- Press the **DATA SET** key.
- 6- Enter the patient's distance **PD**.
- 7- Enter the patient's seg height.
- 8- Set the layout mode to **BF** (bifocal).
- 9- Select the **LENS** type.
- 10- Select the **FRAME** type.

- 11- Press the **R/L** key if you want to change from right to left lens.
- 12- Insert the lens into the block holder and press the **CHUCK** key.
- 13- Press the **START** key.

#### 1- **Rimless Tracing Procedure**

- 2- With the lenses in the frame, dot the demo lens on the 180 axis.
- 3- Place the demo lens onto the Pattern Setting Assembly jig.
- 4- Align the lens axis with the axis lin on the jig.
- 5- Place the Pattern Setting Assembly onto the tracer
- 6- Press the right Monocular trace key.
- 7- Place the rimless tracing pin into the hole.
- 8- Press the main trace key.

#### **Memory Function**

##### SAVE TO MEMORY:

- 1- Trace the frame or lens and press **Data Set**.
- 2- Enter the patient data.
- 3- Press the down cursor key to select **MEM**
- 4- Hold the **START/STOP** key until you hear the beep.

##### RESTORE FROM MEMORY: +

- 1- Press the down cursor key to select **MEM**
- 2- With the plus or minus keys, select the job number you want to restore.
- 3- Hold the **Data Set** key until you hear the beep.

#### **CAUTION:**

- \* Do not trace frame without removing both lenses, cleaning frame and securing barrel screws.
- \* Do not use compressed air to clean the tracer. Use a vacuum for removing any dust or debris.
- \* Do not force sliders, stylus or lens feeler at any time.
- \* Do not use oil or spray lubricant inside the tracer.
- \* Align the water nozzles so they allow water to cover the grinding surfaces and prevent splashing.
- \* Do not use compress air, wire or pipe cleaner to unclog water nozzles
- \* Do not force drain hose off from the bottom of edger. Unscrew in a clockwise direction.
- \* In case of malfunction jam, turn power off.
- \* Do not use sharp objects to depress keys on control panel. Use finger only.

#### **HELPFUL HINTS**

- \* If the lens feeler indicates the blank is too small to cut out:
  - a) *Use FC (Frame Change) key*, this will re-measure the blank using a smaller frame size and still cut with the original frame dimensions.
  - b) Set machine to *PAS (Passive Layout Mode)* and re-block lens with decentration at the layout blocker.
- \* If the frame tracer stylus is falling out of the eyewire, trace only one side by popping up the opposite side on top of the frame retainer pins, then use the corresponding right or left trace key.
- \* If jobs require frequent retouching, dress the bevel wheel. If this does not help, please call technical support for assistance.
- \* If you are using the *ACT* layout mode and the machine stops after the rough cycle, hold the **START/STOP** until it beeps; *press the FC key and then the START/STOP key again.*
- \* If bevel location is inconsistent or lens measuring feeler keeps measuring the lens, remove the feeler cover and clean any plastic/glass debris.